

## Special Issue

# Selected Papers from the 11th Edition of the “AEROSPATIAL” Conference (AEROSPATIAL 2024)

### Message from the Guest Editors

The "AEROSPATIAL" Conferences held within the National Institute for Aerospace Research "Elie Carafoli"—INCAS Bucharest (under the aegis of The Romanian Academy) are unique in Romania being the best meeting space for local and foreign researchers in the field of aviation, digitalization, and space research and industry for presenting, disseminating, and promoting their scientific research and technological developments. The first "AEROSPATIAL" conference was held in 1998. Since then, the event has continuously grown, attracting researchers and specialists from all over the world, representing a significant academic space for presenting the latest findings in the aeronautics and aerospace field. This Special Issue aims to publish papers by authors who presented their research at the 11th Edition of the "AEROSPATIAL" Conference (AEROSPATIAL 2024). Papers that focus on the following topics will be considered in the Special Issue: Aerodynamics; Flight mechanics; Astronautics and astrophysics; Materials and structures; Systems, subsystems, and control in aeronautics; Experimental investigations in aerospace sciences; ATS and full Automation ATM; Management in aerospace activities.

---

### Guest Editors

Dr. Cristina-Elisabeta Pelin  
Dr. Marilena D. Pavel  
Dr. Ioan Ursu  
Dr. Jochen Wild  
Dr. Daniela Enciu  
Dr. Ionuț Bunescu

---

### Deadline for manuscript submissions

closed (31 October 2025)



## Aerospace

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 4.0



[mdpi.com/si/216893](https://mdpi.com/si/216893)

*Aerospace*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[aerospace@mdpi.com](mailto:aerospace@mdpi.com)

[mdpi.com/journal/  
aerospace](https://mdpi.com/journal/aerospace)





# Aerospace

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 4.0



[mdpi.com/journal/  
aerospace](https://mdpi.com/journal/aerospace)



## About the Journal

### Message from the Editor-in-Chief

You are welcome to contribute a research article or a comprehensive review for consideration and publication in *Aerospace* (ISSN 2226-4310), an on-line, open access journal.

*Aerospace* adheres to rigorous peer-review as well as editorial processes and publishes high quality manuscripts that address both the fundamentals and applications of aeronautics and astronautics. Our goal is to enable rapid dissemination of high impact works to the scientific community.

---

### Editor-in-Chief

Prof. Dr. Konstantinos Kontis  
School of Engineering, University of Glasgow, James Watt Building  
South, University Avenue, Glasgow G12 8QQ, UK

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Aerospace) / CiteScore - Q2 (Aerospace Engineering)